

RYOBI RMI18-0

Ryobi RMI18-0 18V ONE+ Battery Compressor Instruction Manual

INTRODUCTION

This manual provides essential instructions for the safe and effective operation of your Ryobi RMI18-0 18V ONE+ Battery Compressor. Please read this manual thoroughly before use and retain it for future reference. This cordless multi-compressor is designed for inflating various items such as car tires, bicycle tires, and balls, and can also be used for deflation tasks like vacuum storage bags.

SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of injury or damage. This tool is intended for domestic use. Do not use for purposes other than those described in this manual.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear eye protection:** Always wear appropriate eye protection when operating the compressor.
- **Keep work area clean:** Cluttered areas invite accidents.
- **Do not overinflate:** Always check the recommended pressure for the item being inflated to prevent damage or injury. The automatic shut-off feature helps prevent overfilling.
- **Battery safety:** Use only Ryobi ONE+ 18V batteries. Ensure the battery is securely inserted and removed when not in use or during maintenance.
- **Avoid direct contact with hot parts:** The compressor may become warm during prolonged use.

PACKAGE CONTENTS

The Ryobi RMI18-0 is sold as a 'body only' unit. Battery and charger are not included and must be purchased separately.

- Ryobi RMI18-0 18V ONE+ Battery Compressor unit
- High-pressure hose with valve connector
- Various inflation nozzles/adapters (e.g., ball needle, Presta valve adapter, general purpose nozzle)
- Storage bag for accessories



Image: The Ryobi RMI18-0 compressor shown with its included accessories, including different nozzles for various inflation needs and a small storage bag.

PRODUCT OVERVIEW

The Ryobi RMI18-0 features a compact design with integrated storage for its accessories. It includes a digital display for precise pressure control and an automatic shut-off function.



Image: A top-down view of the Ryobi RMI18-0 compressor, highlighting its compact form factor, digital display, and integrated hose storage.

Key Components:

- **Digital Display:** Shows current pressure and allows setting target pressure.
- **Control Buttons:** Power, pressure unit selection, increase/decrease pressure.
- **High-Pressure Hose:** For inflating items requiring high pressure.
- **Low-Pressure/Deflation Port:** For inflating/deflating larger volume items at lower pressure.
- **Battery Port:** For inserting a Ryobi ONE+ 18V battery.
- **Accessory Storage:** Integrated compartments for nozzles.

SETUP

1. **Insert Battery:** Ensure the compressor is switched off. Align a charged Ryobi ONE+ 18V battery with the battery port and slide it in until it clicks securely into place.
2. **Select Nozzle:** Choose the appropriate nozzle for the item you intend to inflate. The nozzles are stored on the unit.
3. **Attach Hose/Nozzle:**
 - For high-pressure inflation (e.g., tires), connect the high-pressure hose to the item's valve.
 - For low-pressure inflation/deflation (e.g., air mattresses, pool toys), attach the appropriate nozzle to the low-pressure port.



Image: A hand demonstrating how to connect the high-pressure hose to the compressor unit.

OPERATING INSTRUCTIONS

1. **Power On:** Press the power button to turn on the compressor. The digital display will illuminate.
2. **Set Desired Pressure:** Use the '+' and '-' buttons to adjust the target pressure. The digital display will show the set pressure. You can switch between pressure units (e.g., PSI, Bar) using the unit selection button.
3. **Begin Inflation:** Press the start button to begin inflation. The compressor will automatically stop once the set pressure is reached.
4. **Monitor Progress:** The digital display shows the current pressure as the item inflates.
5. **Deflation (if applicable):** For items like vacuum storage bags or air mattresses, attach the appropriate nozzle to the deflation port and activate the compressor to remove air.



Image: A close-up view of the compressor's digital display and control buttons, with a hand adjusting the pressure settings.

Applications:

- **Car and Bicycle Tires:** Connect the high-pressure hose to the tire valve. Set the recommended pressure and start inflation.



Image: A man using the Ryobi RMI18-0 compressor to inflate a car tire, demonstrating its portability and ease of use.

- **Inflatable Pools and Toys:** Use the low-pressure port with the appropriate nozzle for quick inflation of larger volume items.



Image: A woman and child inflating a small inflatable pool using the Ryobi RMI18-0 compressor in an outdoor setting.

- **Air Mattresses and Vacuum Storage Bags:** The low-pressure port can also be used for inflating air mattresses or deflating vacuum storage bags.



Image: A woman utilizing the Ryobi RMI18-0 compressor to remove air from a vacuum storage bag, showcasing its versatility.

MAINTENANCE

- **Cleaning:** Keep the compressor clean and free of debris. Use a soft, damp cloth for cleaning. Do not use harsh chemicals.
- **Storage:** Store the compressor in a dry, secure place, out of reach of children. Ensure all hoses and nozzles are properly stored in their designated compartments.
- **Battery Care:** Remove the battery from the compressor when not in use for extended periods. Store batteries in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Compressor does not turn on	Battery not inserted correctly or discharged	Ensure battery is fully seated. Charge battery if necessary.
Compressor runs but no air output	Hose or nozzle not properly connected; blockage	Check all connections. Clear any obstructions in the hose or nozzle.
Inaccurate pressure reading	Incorrect pressure unit selected; faulty connection	Verify the selected pressure unit on the display. Ensure a tight connection to the item being inflated.
Compressor stops prematurely	Target pressure reached; overheating	This is normal if target pressure is met. If not, allow the unit to cool down before resuming operation.

SPECIFICATIONS

Feature	Specification
Model	RMI18-0
Power Source	18V Battery (Ryobi ONE+ system)
Max Pressure	11 Bar (159.5 PSI)
Air Flow Capacity	500 Liters Per Minute (Low Pressure)
Hose Length	5 Meters
Item Weight	1 Kilogram
Material	Metal
Color	Green and Anthracite

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Ryobi website. Keep your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question